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Index to recent Literature relating to American Botany

This Index is intended to include (1) Titles of all papers and books relating to American plants; (2) All papers on botanical subjects by American botanists; (3) Papers of special interest relating to physiological or morphological subjects wherever published. Botanists can aid greatly in this matter by the contribution of separates of their papers especially those published outside the usual botanical journals, such as the publications of learned societies, experiment station bulletins and reports, and journals only occasionally containing botanical matter.

The titles are reprinted monthly on standard library cards of two widths, and are sold to subscribers at the price of one cent per card.

The editors will welcome any notice of omitted titles or other suggestions relative to the greater efficiency of the Index. Address all matter relating to the Index to The Torrey Botanical Club, Columbia University, New York City.

Anheisser, R. Ueber die aruncoide Blattspreite: *Flora*, **87**: 64-94. *pl.* 4. 1900.

A contribution to the biology of leaves.

Barnes, C. R. Outlines of Plant Life. 12mo, pp. 308. New York, 1900.

Barnes, C. R. The Progress and Problems of Plant Physiology. *Proc. A. A. A. S.* **48**: 263-288. D. 1899.

Bennett, A. Notes on *Potamogeton*. *Jour. Bot.* **38**: 125-130. Ap. 1900.

Best, G. N. *Claopodium pellucinerve* (Mitt.). *Bryologist*, **3**: 19. Ap. 1900.

Bissell, C. H. *Eragrostis Frankii* in Connecticut. *Rhodora*, **2**: 87. Ap. 1900.

Britten, J. Note on *Cosmia*. *Jour. Bot.* **38**: 76, 77. Mr. 1900.

Britten, J. & Baker, E. G. *Cracca Virginiana*. *Jour. Bot.* **38**: 53. F. 1900.

- Britton, E. G.** How to know some of the common Bryums. *Bryologist*, **3**: 16-19. Ap. 1900.
- Brown, N. E.** *Cereus Mojavensis*. *Curtis's Bot. Mag.* **56**: pl. 7705. Mr. 1900.
Native of California.
- Churchill, J. R.** Lists of New England Plants, VI. Leguminosae. *Rhodora*, **2**: 89-92. Ap. 1900.
- Clute, W. N.** *Pteris aquilina* and its Allies in North America. *Fern Bull.* **8**: 37-39. Ap. 1900.
- Copeland, E. B.** Studies on the Geotropism of Stems. *Bot. Gaz.* **29**: 185-196. 26 Mr. 1900.
- Corbett, L. C.** A Study of the Effect of incandescent Gas Light on Plant Growth. *Bull. W. Va. Agric. Exp. Sta.* **62**: O. 1899.
- Eaton, A. A.** *Isoetes Howellii* and *Isoetes Nuttalli*. *Fern Bull.* **8**: 32, 33. Ap. 1900.
- Evans, A. W.** The Hawaiian Hepaticae of the Tribe Jubuloideae. *Trans. Conn. Acad.* **10**: 387-462. pl. 44-59. Mh. 1900.
New species in *Frullania*, *Marchesia*, *Harpalejeunea*, *Trachylejeunea*, *Cololejeunea* (3) and *Colurolejeunea*.
- Fairman, C. E.** Puff-balls, Slime-moulds and Cup Fungi of Orleans county, New York. *Proc. Rochester Acad. Sci.* **3**: 206-220. f. 1-3. Mh. 1900.
Tapesia rhois, sp. nov.
- Familler, J.** Der verschiedener Blattformen von *Campanula rotundifolia* L. *Flora*, **87**: 95-97. pl. 1-3. 1900.
A description of various causes inducing the recurrence of primitive forms of the leaf.
- Fernald, M. L.** Notes on *Echinacea*. *Rhodora*, **2**: 84-87. Ap. 1900.
- Flett, J. B.** Some Washington Ferns. *Fern Bull.* **8**: 40, 41. Ap. 1900.
- Garman, H.** The Elms and their Diseases. *Bull. Ky. Agric. Exp. Sta.* **84**: N. 1899.
- Greene, E. L.** Necker's Genera of Ferns, I. *Pittonia*, **4**: 103-107. 2 Ja. 1900.
- Griffiths, D.** A Study in Spore Dissemination. *Asa Gray Bull.* **8**: 27-32. pl. 2. Ap. 1900.
- Grout, A. J.** Key to *Bryum*. *Bryologist*, **3**: 13-15. Ap. 1900.
- Grout, A. J.** New American Mosses. *Bryologist*, **3**: 8, 9. Ja. 1900.

- Grout, A. J.** Notes on Vermont Plants. *Rhodora*, **2**: 88. Ap. 1900.
- Hill, E. J.** *Pellaea gracilis* in Illinois. *Fern Bull.* **8**: 31, 32. Ap. 1900.
- Holzinger, J. M.** *Grimmia teretinervis* Limpr. in North America. *Bryologist*, **3**: 20-22. Ap. 1900.
- Holzinger, J. M.** The geographical Distribution of the Teretifolium Group of *Talinum*. *Asa Gray Bull.* **8**: 36-39. Ap. 1900.
- H[ooker,] J. D.** *Macleania insignis*. *Curtis's Bot. Mag.* **56**: *pl.* 7694. Ja. 1900.
Native of Mexico.
- H[ooker], J. D.** *Coryanthes macrantha*. *Curtis's Bot. Mag.* **56**: *pl.* 7692. Ja. 1900.
Native of Guiana and Venezuela.
- H[ooker], J. D.** *Haylockia pusilla*. *Curtis's Bot. Mag.* **56**: *pl.* 7693. Ja. 1900.
Native of Uruguay.
- H[ooker], J. D.** *Diostea juncea*. *Curtis's Bot. Mag.* **56**: *pl.* 7695. Ja. 1900.
Native of Chile.
- House, H. D.** Ophioglossums resting. *Fern Bull.* **8**: 40. Ap. 1900.
- Jewell, H. W.** A pink-flowered form of *Rubus triflorus*. *Rhodora*, **2**: 87. Ap. 1900.
- Juel, H. O.** Untersuchungen ueber den Rheotropismus der Wurzeln. *Jahrb. wiss. Bot.* **34**: 507-538. *f.* 1-7. 1900.
- Kennedy, G. G.** *Carex Novae-Angliae* in eastern Massachusetts. *Rhodora*, **2**: 83, 84. Ap. 1900.
- Klebahn, H.** Kulturversuche mit Rostpilze. *Jahrb. wiss. Bot.* **34**: 347-404. *f.* 1-8. 1900.
- Kohl, F. G.** Die paratonischen Wachstumsverkrummungen der Gelenkpflanzen. *Bot. Zeit.*, **58**: 1-28. *pl.* 1, 2. 1900.
- Kuntze, O.** A Plea for my 1737 Proposal. *Jour. Bot.* **38**: 47-50 F. 1900.
- Leisering, B.** Ueber die Entwicklungsgeschichte des interxylären Leptoms bei den Dicotyledonen. *Bot. Centralb.* **80**: 289-296. *pl.* 1-3.
- Macbride, T. H.** The Slime Moulds. *Rhodora*, **2**: 75-81. *pl.* 16. Ap. 1900.

- Masters, M. T.** *Taxodium* and *Glyptostrobus*. Jour. Bot. **38**: 37-40. F. 1900.
- Maxon, W. R.** Notes on American Ferns: I. Fern Bull. **8**: 29-31. Ap. 1900.
- McDonald, F. E.** Southern Range of *Equisetum palustre*. Fern Bull. **8**: 34. Ap. 1900.
- Meehan, T.** John Howard Redfield. Fern Bull. **8**: 25, 26. Ap. 1900.
- Negler, F. W.** Pflanzengeographisches aus den südlichen Anden und Patagonien. Engler's Bot. Jahrb. **28**: 231-272. 9 Mr. 1900.
- Nelson, A.** Some Notes upon the Flora of Yellowstone National Park. Asa Gray Bull. **8**: 32-35. Ap. 1900.
- Noll, F.** Ueber Geotropismus. Jahrb. wiss. Bot. **34**: 457-506. 1900.
- Osterhout, W. J. V.** Befruchtung bei *Batrachospermum*. Flora, **87**: 109-115. pl. 5. 1900.
- Parish, S. B.** The growing Period of the Southern Californian Ferns. Fern Bull. **8**: 26-29. Ap. 1900.
- Planchon, M. L.** Influence des divers milieux chimiques sur quelques champignons du groupe Dematiées. Ann. Sc. Nat. VIII. **19**: 1-248. f. 1-17. 1900.
- Pollard, C. L.** Eight new Species of North American Plants. Proc. Biol. Soc. Wash. **13**: 129-132. 6 Ap. 1900.
New species in *Lupinus*, *Vio'a* (2), *Gentiana* (3), *Chrysoopsis*, and *Solidago*.
- Pollard, C. L. & Ball, C. R.** Some new or noteworthy Louisiana Plants. Proc. Biol. Soc. Wash. **13**: 133-135. 6 Ap. 1900.
Physalis rigida sp. nov.
- Popovici, A. P.** Der Einfluss der Vegetationsbedingungen auf die Länge der wachsenden Zone. Bot. Centralbl. **81**: 33-40. 4 Ja. 1900; 87-97. 10 Ja. 1900.
- Posternak, S.** Contribution a l'étude chimique de l'assimilation chlorophyllène. Rev. Gen. de Bot. **12**: 5-25. 1900.
- Robinson, B. L.** A blue-fruited Huckleberry. Rhodora, **2**: 81-83. Ap. 1900.
Gaylussacia resinosa glaucocarpa n. var.
- Rolfe, R. A.** *Stanhopea Rodiguesiana*. Curtis's Bot. Mag. **56**: pl. 7702. Mr. 1900.
Native of New Grenada.